

Variable Fidelity AeroPropulsoServoElasticity Analysis Tool, Phase I



Completed Technology Project (2015 - 2015)

Organizations Performing Work	Role	Type	Location
CFD Research Corporation	Lead Organization	Industry	Huntsville, Alabama
● Glenn Research Center(GRC)	Supporting Organization	NASA Center	Cleveland, Ohio

Primary U.S. Work Locations

Alabama	Ohio
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Project Transitions

June 2015: Project Start

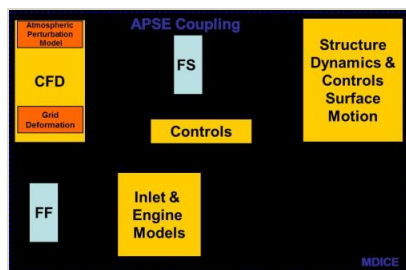
December 2015: Closed out

Closeout Summary: Variable Fidelity AeroPropulsoServoElasticity Analysis Tool, Phase I Project Image

Closeout Documentation:

- Final Summary Chart Image(<https://techport.nasa.gov/file/139520>)

Images

**Briefing Chart Image**

Variable Fidelity
AeroPropulsoServoElasticity
Analysis Tool, Phase I
(<https://techport.nasa.gov/image/130922>)

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Organization:

CFD Research Corporation

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

Program Manager:

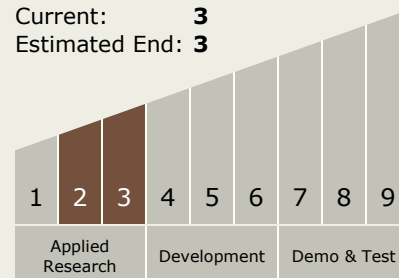
Carlos Torrez

Principal Investigator:

Chris Talley

Technology Maturity (TRL)

Start: **2**
Current: **3**
Estimated End: **3**



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Technology Areas

Primary:

- TX11 Software, Modeling, Simulation, and Information Processing
 - └ TX11.3 Simulation
 - └ TX11.3.7 Multiscale, Multiphysics, and Multifidelity Simulation

Target Destinations

The Moon, Mars, Outside the Solar System, The Sun, Earth, Others Inside the Solar System